

Serial No.: 10/517,747

Agent Docket No.: AP041-04

AMENDMENTS TO THE SPECIFICATION:

(1) Please add the following paragraph between the first and second paragraphs after the section heading "Brief description of the drawings".

Fig. 1 is a schematic cross-section of the caisson breakwater according to the present invention.

(2) Please add the following paragraph after the last paragraph in the section labeled "Best way of carrying out the invention"

All the embodiments of the present invention may also be turbineless. Indeed, even without the turbines, said embodiments can absorb a large quantity of the incident wave energy and thus they reflect less wave energy towards the open sea. The advantage is that the wave motion before the breakwater of the present invention (whether or not with the presence of the turbines) is less amplified than before a conventional caisson breakwater. In the case that the caisson breakwater of the present invention is turbineless the absorbed energy is dissipated in part by the water current of the vertical duct 2 (fig. 5) and in part by the air current in the air tube 4 (fig. 1).